

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 July 2004 (01.07.2004)

PCT

(10) International Publication Number
WO 2004/054907 A2

- (51) International Patent Classification⁷: **B65G 53/00**
- (21) International Application Number: PCT/EP2003/014162
- (22) International Filing Date:
12 December 2003 (12.12.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/433,556 13 December 2002 (13.12.2002) US
60/438,466 7 January 2003 (07.01.2003) US
- (71) Applicant (for all designated States except US): **UNIVERSITÄT FREIBURG** [DE/DE]; Fahrenbergplatz, 79100 Freiburg (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **RESKI, Ralf** [DE/DE]; Am Osterbach 26, 79254 Oberried (DE). **DECKER, Eva** [DE/DE]; Schlehenrain 9, 79108 Freiburg (DE). **KIESSLING, Justine** [DE/DE]; Siedlungsring 99, 89415 Lauingen a. d. Donau (DE).
- (74) Agent: **PERREY, Ralf**; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **FTSZ-POLYPEPTIDES AS A TARGET FOR HERBICIDAL COMPOUNDS**

(57) ~~Abstract.~~ The present invention relates to nucleic acids containing a nucleotide sequence encoding a polypeptide as a target for herbicidal compounds, to said polypeptides or biologically active derivatives thereof, and to a method for developing herbicidal compounds using test systems containing said polypeptides.

WO 2004/054907 A2